# Lockheed Martin Aeronautics F/A-22 Packaging, Marking and Shipping Presentation

Joe V. Sanchez / 23 June 2004

# FA-22 Packaging & Marking Presentation



- History
- Shipping Process
- LM Aero / CSWS DE Process
- Flow-down requirements
- Preservation / Packing Requirements

## FA-22 Packaging & Marking Presentation



#### **History**

#### **Nov 2003**

LM Aero began submitting packaging data into CSWS (formerly RSSP) Data Exchange. List provided by James Daup

#### Feb 2004

 LM Aero (Ft Worth, Palmdale, Marietta) signed a Single Process Initiative with DCM to comply with MIL-STD-2073-1D, updated with Notice 1, date 10 May 2004, for all packaging tasks in which military packaging is specified, and shall comply with ASTM D3951, or equivalent commercial standard, for task in which commercial packaging specified. Full compliance in marking Military Shipment Labels (MSL) and MIL-STD-129P shall be completed 23 Dec 04

#### Mar 2004

 Implemented an initiative to electronically transfer packaging data residing in LM Aero's Preservation Packaging Data System (PPDS) into CSWS DE. Programming, testing etc is schedule to be completed by Dec 2004

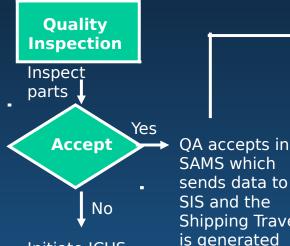
#### **Aug 2004**

 Revise 16PP225 document - Flow down contract standards to our sub-contractors when they will drop ship to the USG. If the contract calls out MIL-Spec packaging, we flow down -2073-1D and -129P; when the contract requirement is "commercial packaging," we flow down ASTM D3951 or its equivalent.

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# **Shipping Process**



Initiate ICUS

Order now placed in Parts Failed (P) queue in SAMS **Shipping Prep** (4050)

Marry parts with Shipping Traveler and move to Packaging Plng.

**Packagin** Planning

Receive parts and read into 210 in SIS

Generate pkg. data, if not on traveler

Order shipping containers. print -129 labels

**Packagin** 

Receive parts and read into 330 in SIS

Package IAW Pkg. Plng. data

Box weight and dimensions obtained via cubiscan or manually and read into 410 in SIS

**Traffic** 

Generate shipping document

If DD250, SIS transmits to WAWF (govt. website) 810 in SIS

WAWF acceptance 440 in SIS

Shipment moved to dock pending carrior Nick III

490 in SIS **SHIP** 

510 in SIS

**NOTE:** SAMS sends traveler records to SIS. SIS sends shipment information to SAMS.

QA accepts in

SAMS which

SIS and the

is generated

SIS

reading 171 in

**Shipping Traveler** 

# F/A-22 Packaging & Marking Presentation



#### **LM Aero / CSWS DE Process**

F/A-22 Depot Reparable List

List consist of approximately 2,000 line items.

J. Daup

Develop P/P Data

Record data from actual part; look up engineering drawings if part

not available; look in PRIDE; create SPI

drawing

Input P/P Data

Input P/P data into LM Aero's data system (PPDS) Log on to SPIRES and download SPI drawing;

**SPIRE** 

Input P/P data into CSWS DE

Log on to CSWS DE and manually input P/P data; electronic interface between PPDS and CSWS is in work

**NOTE:** Submit WPAFB ( Art Eggleton ) a quarterly report of NSN's submitted into CSWS DE

# F/A-22 Packaging & Marking Presentation



## F/A-22 Preservation / Packing Requirements

**Depot Reparables** 

M/B (Reusable containers, wood crates, WR materials, QUP of 1)

**Expendables/Consumables** 

M/M ( Minimal packaging, domestic cartons, domestic crates )

**Hazardous Materials** 

M/B (Package, label IAW IATA, 49CFR, and IMDG regulations)